

Recovery Plan Action Status

Plan Name: Recovery Plan for the Northwest Atlantic Population of the Loggerhead Sea Turtle (*Caretta caretta*); Second Revision

Plan Status: Final Revision 2

Plan Date: 16-Jan-09

Lead Agency: Joint

Lead Office: North Florida Ecological Services Field Office

(904)

232-2580)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (<i>Caretta caretta</i>)	2	111	Refine geographic boundaries of recovery units.	Not Started			Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, National Marine Fisheries Service , South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (<i>Caretta caretta</i>)	2	112	Monitor population genetic structure on foraging grounds.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 162
Loggerhead sea turtle (<i>Caretta caretta</i>)	3	113	Develop new techniques for refining population genetic structure.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	121	Maintain and/or adopt standardized criteria for on-the-ground nesting surveys.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 122; 123; 151
Loggerhead sea turtle (Caretta caretta)	1	122	Continue to monitor trends in nesting and non-nesting emergences on index/standardized beaches.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Florida Power and Light Company, University of Central Florida, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	Linked to 121; 123

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	123	Incorporate index/standardized nesting survey protocols on additional beaches to fully represent recovery units.	Not Started			U.S. Department of Defense, National Park Service, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 121; 122
Loggerhead sea turtle (Caretta caretta)	3	124	Monitor annual nesting and non-nesting emergences on non-index/non-standardized beaches as extensively as possible.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, Fish and Wildlife Service, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	125	Conduct periodic censuses of recovery units to obtain total nest counts and geographic distribution of nesting.	Ongoing Current	FY 2009		National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 122, 124
Loggerhead sea turtle (Caretta caretta)	2	131	Establish a network of index in-water study sites across the range of all habitats (neritic and oceanic) and develop sampling protocols to estimate indices of abundance and determine trends.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 133, 161
Loggerhead sea turtle (Caretta caretta)	1	132	Evaluate, improve, maintain, and expand in-water surveys at index sites to estimate indices of abundance and determine trends.	Not Started			National Park Service, Non-governmental organizations, National Marine Fisheries Service , Florida Power and Light Company, Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	133	Develop sampling protocols for conducting large-scale in-water surveys to estimate indices of abundance and determine trends.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 131, 134

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	1	134	Implement large-scale in-water surveys to estimate indices of abundance and determine trends.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 133
Loggerhead sea turtle (Caretta caretta)	2	141	Develop and maintain a comprehensive GIS database of distribution and abundance.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 29
Loggerhead sea turtle (Caretta caretta)	2	142	Determine migratory pathways for all life history stages.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	151	Adopt standardized hatchling production assessment criteria.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 121

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	152	Implement annual assessments of hatchling production using standardized criteria.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Florida Power and Light Company, U. S. Fish and Wildlife Service - Ecological Services, University of Central Florida, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	153	Determine and monitor clutch frequency.	Ongoing Current	FY 2009		Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, National Marine Fisheries Service , South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 142
Loggerhead sea turtle (Caretta caretta)	2	154	Determine and monitor remigration interval.	Ongoing Current	FY 2009		Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, National Marine Fisheries Service , South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 122, 161, 162
Loggerhead sea turtle (Caretta caretta)	3	155	Determine female reproductive lifespan.	Ongoing Current	FY 2009		Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, National Marine Fisheries Service , South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Linked to 171

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	1611	Refine and develop techniques for determining sex ratios.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 131
Loggerhead sea turtle (Caretta caretta)	3	1612	Refine and develop aging techniques.	Not Started			National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	Linked to 155
Loggerhead sea turtle (Caretta caretta)	2	1613	Determine somatic growth rates and evaluate sources of variation.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	1614	Determine age-specific survival probabilities.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 132, 162
Loggerhead sea turtle (Caretta caretta)	2	1615	Determine age at sexual maturity for females.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	1616	Determine age at sexual maturity, reproductive frequency, and reproductive lifespan for males.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 132, 162
Loggerhead sea turtle (Caretta caretta)	2	162	Implement sampling and data collection protocols at index in-water sites.	Not Started			Non-governmental organizations, National Marine Fisheries Service , Florida Power and Light Company, Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 132

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	1	171	Maintain the Sea Turtle Stranding and Salvage Network.	Not Started			U.S. Department of Defense, National Park Service, Local Governments, Non-governmental organizations, U.S. Fish and Wildlife Service, Refuge Division, National Marine Fisheries Service , United States Coast Guard , Florida Power and Light Company, Academia, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	172	Implement improvements to the Sea Turtle Stranding and Salvage Network.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	18	Maintain and enhance centralized administration and coordination of tagging programs.	Not Started			National Marine Fisheries Service , Archie Carr Center for Sea Turtle Research	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	211	Conduct periodic reviews of existing state and FWS criteria for sand placement projects and modify as necessary.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, U.S. Army Corps of Engineers, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	2121	Ensure all beach sand placement projects are in compliance with state and FWS criteria.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, U.S. Army Corps of Engineers, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	2122	Establish protocols for removing sand that is determined to have not met sand suitability requirements.	Not Started			Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, U.S. Army Corps of Engineers, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	2123	Evaluate the effects of dredging of nearshore ebb tidal shoals on adjacent nesting habitat.	Not Started			Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, U.S. Army Corps of Engineers, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2131	Evaluate sand compaction levels on native beaches for all recovery units to determine thresholds for tilling.	Not Started			U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2132	Investigate alternative methods for monitoring sand compaction.	Not Started			U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	2133	Implement tilling as a means of softening compacted beaches.	Ongoing Current	FY 2009		U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	214	Implement escarpment leveling and/or profile adjustment on constructed beaches as needed.	Ongoing Current	FY 2009		U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	215	Ensure sediment grain size, composition, sorting, and color are compatible with native beaches.	Ongoing Current	FY 2009		U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2161	Conduct research on contaminant levels of sediment sources and their effects on loggerheads.	Not Started			U.S. Environmental Protection Agency, U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2162	Evaluate and revise, if necessary, current Federal guidelines for contaminant levels of sediment sources to ensure compatibility with loggerhead development.	Not Started			U.S. Environmental Protection Agency, U. S. Fish and Wildlife Service - Ecological Services, U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2163	Conduct statistically valid sampling of borrow sediments for contaminants (pre- and post-construction) and ensure sediment sources do not exceed existing Federal guidelines for contaminant levels.	Ongoing Current	FY 2009		U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	Cost included in sand placement project budgets
Loggerhead sea turtle (Caretta caretta)	2	217	Design and evaluate beach construction profiles to more closely mimic natural beaches.	Ongoing Current	FY 2009		Florida Department of Environmental Protection, U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	218	Re-establish natural dune structure and native vegetation during sand placement projects.	Ongoing Current	FY 2009		U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	Costs dependent on extent of sand placement projects

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Loggerhead sea turtle (Caretta caretta)	3	2191	Monitor suitability of post-construction beaches for nesting.	Ongoing Current	FY 2009		Academia, U.S. Army Corps of Engineers, Sand Placement Project Sponsors	Work type not yet selected	Labor type not yet selected	Costs dependent on extent of sand placement projects
Loggerhead sea turtle (Caretta caretta)	3	2192	Develop and maintain an inventory of beach and dune sand placement projects and periodically assess the cumulative effects of these projects on loggerhead nesting and hatchling production.	Ongoing Current	FY 2009		Alabama Department of Environmental Management, Florida Department of Environmental Protection, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, U.S. Army Corps of Engineers, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	Conduct assessments of cumulative effects every 5 years

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Loggerhead sea turtle (Caretta caretta)	2	221	Categorize and inventory all beach armoring, shoreline stabilization structures, and all other barriers to nesting to establish baseline levels and develop a GIS.	Ongoing Not Current			Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	2221	Convene an expert panel to develop a strategy to strengthen and guide regulations to minimize the effects of coastal armoring on loggerheads and to ensure that the percentage of nesting beach free of any barriers to nesting is stable or increasing relative to baseline levels determined in 221.	Not Started			U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	1	2222	Modify existing regulations or promulgate new regulations to implement the strategy developed in 2221.	Not Started			Alabama Department of Environmental Management, Florida Department of Environmental Protection, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	Linked to 2221
Loggerhead sea turtle (Caretta caretta)	1	2223	Ensure regulations governing placement and design of new coastal buildings and infrastructure eliminate any future need for coastal armoring.	Not Started			Alabama Department of Environmental Management, Florida Department of Environmental Protection, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	Linked to 2222

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Loggerhead sea turtle (Caretta caretta)	2	2224	Require removal of failed or ineffective erosion control structures.	Ongoing Current	FY 2009		Alabama Department of Environmental Management, Florida Department of Environmental Protection, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2225	Prohibit recreational equipment on nesting beaches at night.	Not Started			Local Governments, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	2226	Evaluate the effectiveness of dune crossovers for protecting dunes and strengthen existing regulations or promulgate new regulations to minimize effects from dune crossovers.	Not Started			Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	2227	Evaluate the effectiveness of sand fences for building beaches and strengthen existing regulations or promulgate new regulations for sand fence construction.	Not Started			Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	1	2228	Ensure regulations pertaining to barriers to nesting are enforced.	Ongoing Current	FY 2009		Local Governments, Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	1	231	Maintain at least the current length and quality of protected nesting beach.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, U.S. Fish and Wildlife Service, Refuge Division, Florida Power and Light Company, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	2321	Acquire additional beachfront and upland properties (undeveloped and developed) within the boundaries of the Archie Carr National Wildlife Refuge, Florida.	Ongoing Current	FY 2009		Florida Department of Environmental Protection, Non-governmental organizations, U.S. Fish and Wildlife Service, Refuge Division, Brevard County, FL, Indian River County, FL	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	2322	Acquire additional beachfront and upland properties (undeveloped and developed) on Hutchinson Island, Florida, and develop a plan to ensure long-term protection.	Not Started			Florida Department of Environmental Protection, Non-governmental organizations, U.S. Fish and Wildlife Service, Refuge Division, St. Lucie County, FL	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	2323	Acquire additional beachfront and upland properties (undeveloped and developed) within the nesting range of the Peninsular Florida Recovery Unit and develop a plan to ensure long-term protection.	Not Started			Local Governments, Florida Department of Environmental Protection, Non-governmental organizations, U.S. Fish and Wildlife Service, Refuge Division	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	2324	Acquire additional beachfront and upland properties (undeveloped and developed) within the nesting range of the Northern Recovery Unit and develop a plan to ensure long-term protection.	Not Started			National Park Service, Local Governments, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	2325	Acquire additional beachfront and upland properties (undeveloped and developed) within the nesting range of the Northern Gulf of Mexico Recovery Unit and develop a plan to ensure long-term protection.	Not Started			National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Non-governmental organizations, U.S. Fish and Wildlife Service, Refuge Division	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	2326	Acquire storm-damaged nesting beachfront and upland properties on loggerhead nesting beaches.	Not Started			U.S. Federal Emergency Management Agency, Local Governments, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	241	Develop a model that describes the effects of sea level rise on loggerhead nesting beaches.	Not Started			Florida Department of Environmental Protection, National Oceanic and Atmospheric Administration, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	242	Implement measures and develop agreements to reduce atmospheric greenhouse gasses.	Not Started			U.S. Department of State, U.S. Environmental Protection Agency, U.S. Department of Energy, National Oceanic and Atmospheric Administration	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	2511	Implement and enforce lighting ordinances on lands under local government jurisdiction.	Ongoing Current	FY 2009		Local Governments, Ports Authority	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	2512	Implement and enforce lighting management plans on all lands under state and Federal jurisdiction.	Not Started			U.S. Department of Defense, National Park Service, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	252	Evaluate the extent of hatchling disorientation on nesting beaches based on standardized surveys.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Florida Power and Light Company, U. S. Fish and Wildlife Service - Ecological Services, University of Central Florida, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	253	Prosecute individuals or entities responsible for nesting female or hatchling disorientation under the Endangered Species Act or appropriate state laws.	Not Started			Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U.S. Fish and Wildlife Service, Division of Law Enforcement	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	261	Encourage the manual removal of manmade beach debris through regular coastal cleanup programs.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, South Carolina Department of Natural Resources, Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	262	Remove exotic vegetation harmful to loggerheads on and adjacent to nesting beaches.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, South Carolina Department of Natural Resources, Florida Power and Light Company, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	271	Assess, categorize, and map neritic habitats used by loggerheads.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2721	Assess the effects of bottom trawl and dredge fisheries on neritic habitats used by loggerheads.	Not Started			Non-governmental organizations, National Marine Fisheries Service , Academia, Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2722	Assess the effects of eutrophication on neritic habitats used by loggerheads.	Not Started			U.S. Environmental Protection Agency, Local Governments, Non-governmental organizations, Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2723	Assess the effects of water management on neritic habitats used by loggerheads.	Not Started			U.S. Environmental Protection Agency, Local Governments, Non-governmental organizations, Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	2724	Assess the effects of oil and gas production activities on neritic habitats used by loggerheads.	Not Started			U.S. Minerals Management Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2725	Assess the effects of channel dredging on neritic habitats used by loggerheads.	Not Started			U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2726	Assess the effects of salvage operations on neritic habitats used by loggerheads.	Not Started			U.S. Army Corps of Engineers, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2727	Assess the effects of other human activities on neritic habitats used by loggerheads.	Not Started			Local Governments, National Marine Fisheries Service , U.S. Army Corps of Engineers, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	273	Develop and implement a strategy to protect and monitor neritic habitats used by loggerheads.	Not Started			Non-governmental organizations, National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	281	Assess, categorize, and map oceanic habitats used by loggerheads.	Not Started			National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2821	Assess the effects of oil and gas activities on oceanic habitats used by loggerheads.	Not Started			U.S. Minerals Management Service, National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2822	Assess the effects of marine debris on oceanic habitats used by loggerheads.	Not Started			U.S. Environmental Protection Agency, National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	2823	Assess the effects of other pollutants on oceanic habitats used by loggerheads.	Not Started			U.S. Environmental Protection Agency, U.S. Minerals Management Service, National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	1	283	Develop and implement a strategy to protect and monitor oceanic habitats used by loggerheads.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service , Academia	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	29	Develop and maintain a comprehensive GIS database of neritic and oceanic habitats (used by loggerheads) and human activities that impact these habitats.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 141, 271, 281
Loggerhead sea turtle (Caretta caretta)	1	31	Work with foreign nations to quantify and eliminate commercial and subsistence harvest.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	32	Educate local communities in foreign nations on the benefits of sea turtle ecotourism as an alternative to harvest.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	33	Develop and implement guidelines for public turtle walks that minimize disturbance to loggerheads.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	Guidelines developed in 3 years

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	34	Minimize take of wild turtles for captive display.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, National Marine Fisheries Service , South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	411	Reduce the annual rate of mammalian predation to at or below 10% of nests within each recovery unit using ecologically sound predator control programs.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Florida Power and Light Company	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	412	Control fire ants on and adjacent to loggerhead nesting beaches.	Not Started			U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Florida Power and Light Company	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	421	Develop a condition index to allow rapid evaluation of physiological status.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	422	Develop protocols for collecting, handling, and analyzing baseline blood chemistry parameters from wild loggerheads.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	423	Establish representative baseline blood chemistry parameters by sex, size class, season, and location.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	424	Establish representative baseline toxicological parameters by sex, size class, season, and habitat.	Not Started			U.S. Environmental Protection Agency, National Marine Fisheries Service , National Ocean Service, Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	425	Establish representative baseline levels of parasitic infection in wild turtles.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	426	Establish representative baseline levels of bacterial, fungal, and viral infections in wild turtles.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	43	Develop and implement a program to monitor loggerhead health at representative index in-water sites and index/standardized nesting beaches.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	44	Evaluate the effects of harmful algal blooms on loggerhead health.	Not Started			Florida Fish and Wildlife Conservation Commission, National Marine Fisheries Service , National Ocean Service, Academia	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	45	Investigate the lethal and sublethal role of contaminants.	Not Started			U.S. Environmental Protection Agency, National Marine Fisheries Service , National Ocean Service, Academia, U. S. Fish and Wildlife Service - Ecological Services, USGS National Wildlife Health Center	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	46	Develop and implement protocols for handling turtles to limit transfer of disease.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	471	Develop and/or finalize protocols for the proper care and maintenance of loggerheads held in captivity.	Ongoing Not Current			Florida Fish and Wildlife Conservation Commission, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	472	Develop protocols for transport and release of captive loggerheads.	Ongoing Not Current			Florida Fish and Wildlife Conservation Commission, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 471
Loggerhead sea turtle (Caretta caretta)	3	473	Develop a manual for the assessment and treatment of loggerhead diseases and injuries.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, Aquaria	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	474	Develop and maintain a list of veterinarians qualified to diagnose and treat health problems in loggerheads.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 473
Loggerhead sea turtle (Caretta caretta)	2	48	Develop a strategy to recognize, respond to, and investigate mass strandings, disease episodes, or unusual mortality events.	Not Started			U.S. Fish and Wildlife Service, Refuge Division, National Marine Fisheries Service , National Ocean Service, Academia, Aquaria, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	511	Develop and implement Federal regulations to ensure long-term protection of loggerheads and their habitats post-delisting.	Not Started			National Marine Fisheries Service , U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	512	Ensure full and active enforcement of Federal regulations designed to protect loggerheads.	Ongoing Current	FY 2009		National Marine Fisheries Service , United States Coast Guard , U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	513	Develop and/or maintain, implement, and enforce state and local legislation to protect loggerheads and their habitats.	Ongoing Current	FY 2009		Local Governments, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	521	Assist foreign countries in developing national regulations to protect loggerheads and their habitats.	Ongoing Current	FY 2009		U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	522	Assist foreign countries with enforcement of national regulations to protect loggerheads.	Not Started			U.S. Department of State, National Marine Fisheries Service , United States Coast Guard , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	531	Encourage non-signatory nations of the western hemisphere to accede to the Inter-American Convention for the Conservation and Protection of Marine Turtles.	Not Started			U.S. Department of State, National Marine Fisheries Service , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	532	Encourage non-signatory nations to accede to the Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region (Cartegena Convention), specifically the Protocol Concerning Specially Protected Areas and Wildlife in the Wider Caribbean (SPAW Protocol).	Not Started			U.S. Department of State, National Marine Fisheries Service , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	533	Ensure the U.S. becomes a party to the United Nations Convention on the Law of the Sea and the Convention on Migratory Species.	Not Started			U.S. Department of State, National Marine Fisheries Service , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6111	Evaluate the effects of nest management activities on nest productivity, hatchling fitness, and sex ratios and develop scientifically based standardized protocols for nest management.	Not Started			U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6112	Implement scientifically based standardized protocols for nest management.	Not Started			U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6113	Use the least manipulative method to protect nests.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6114	Discontinue the use of hatcheries as a nest management technique.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Parks, Recreation and Tourism	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6121	Prohibit nighttime driving on beaches during the loggerhead nesting season.	Not Started			National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6122	Ensure that the linear kilometers of nesting beach where vehicular traffic is permitted does not increase above 2006 levels.	Ongoing Current	FY 2009		National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6123	Manage daytime driving to minimize impacts to loggerheads.	Ongoing Current	FY 2009		National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	613	Strengthen existing regulations or promulgate new regulations to manage mechanical beach cleaning on nesting beaches.	Not Started			Local Governments, Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6141	Evaluate the extent and effects of harassment of nesting females and hatchlings and develop management recommendations.	Not Started			Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6142	Conduct public education campaigns to minimize harassment of nesting females and hatchlings.	Ongoing Current	FY 2009		Local Governments, Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6143	Increase the number of interpretive turtle walks to meet demand and minimize overall disturbance to nesting females and hatchlings.	Not Started			National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6144	Enforce laws to minimize harassment of nesting females and hatchlings.	Not Started			U.S. Department of Defense, National Park Service, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U.S. Fish and Wildlife Service, Division of Law Enforcement	Work type not yet selected	Labor type not yet selected	Costs included in 512, 513

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	615	Develop and enforce guidelines for special events on the beach to minimize impacts on nesting females, nests, and hatchlings.	Not Started			National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, Fish and Wildlife Service, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	Guidelines developed in 3 years
Loggerhead sea turtle (Caretta caretta)	3	616	Minimize the impacts of military activities on nesting females, nests, and hatchlings.	Ongoing Current	FY 2009		U.S. Department of Defense, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6171	Conduct a risk management assessment of oil spill effects on nesting beaches.	Not Started			U.S. Environmental Protection Agency, U.S. Minerals Management Service, United States Coast Guard , National Oceanic and Atmospheric Administration	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6172	Ensure that oil spill response plans exist and adequately protect all nesting beaches.	Not Started			U.S. Minerals Management Service, United States Coast Guard , U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6181	Conduct all non-emergency coastal construction activities outside the main portion of the nesting season to eliminate impacts on nesting females, nests, and hatchlings.	Ongoing Current	FY 2009		Local Governments, Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6182	Strengthen existing regulations or promulgate new regulations to minimize impacts from emergency construction activities during the nesting season on nesting females, nests, and hatchlings.	Not Started			Local Governments, Alabama Department of Conservation and Natural Resources, Alabama Department of Environmental Management, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, South Carolina Department of Health and Environmental Control	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6183	Develop and implement ordinances to eliminate the effects of stormwater outfalls and swimming pool drainage on nesting females, nests, and hatchlings.	Not Started			Local Governments, Florida Department of Environmental Protection	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	619	Ensure that law enforcement activities eliminate poaching of eggs and nesting females.	Ongoing Current	FY 2009		U.S. Department of Defense, National Park Service, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U.S. Fish and Wildlife Service, Division of Law Enforcement	Work type not yet selected	Labor type not yet selected	Costs included in 512, 513
Loggerhead sea turtle (Caretta caretta)	2	6211	Describe and characterize domestic commercial gillnet fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6212	Integrate information gathered in 6211 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141
Loggerhead sea turtle (Caretta caretta)	2	6213	Implement observer programs to determine bycatch levels and identify key characteristics of domestic commercial gillnet fisheries that affect bycatch levels.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	1	6214	Implement measures to minimize bycatch in large mesh gillnet fisheries.	Not Started			National Marine Fisheries Service , Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6215	Implement measures to minimize bycatch in other gillnet fisheries as appropriate.	Not Started			National Marine Fisheries Service , Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6221	Describe and characterize domestic commercial and recreational shrimp trawl fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211
Loggerhead sea turtle (Caretta caretta)	3	6222	Integrate information gathered in 6221 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141
Loggerhead sea turtle (Caretta caretta)	2	6223	Increase observer coverage to a statistically robust level to adequately monitor bycatch levels in the domestic commercial shrimp fishery and modify TED regulations if necessary.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6224	Promulgate regulations to require TEDs in all trynets in the domestic commercial shrimp fishery.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6225	Continue efforts to educate domestic commercial shrimp fishers on the proper installation and use of larger-opening TEDs.	Not Started			National Marine Fisheries Service , Sea Grant, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	6226	Investigate the physiological effects of multiple captures and exclusions of loggerheads in domestic commercial shrimp trawls equipped with TEDs.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6227	Monitor and reduce effort in the domestic commercial shrimp trawl fishery to minimize loggerhead bycatch.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, South Atlantic Fishery Management Council, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6228	Investigate turtle exclusion rates for soft TEDs under field conditions using videography.	Not Started			National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6229	Implement statistically valid observer programs to determine bycatch levels in domestic commercial skimmer trawl fisheries and require TEDs if necessary.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6231	Describe and characterize domestic commercial non-shrimp trawl fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211
Loggerhead sea turtle (Caretta caretta)	2	6232	Integrate information gathered in 6231 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	6233	Implement statistically valid observer programs to determine bycatch levels in domestic commercial non-shrimp trawl fisheries.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6234	Implement seasonal large-opening TED regulations for domestic commercial non-shrimp trawl fisheries operating from Cape Hatteras, North Carolina, north to Cape Cod, Massachusetts.	Not Started			National Marine Fisheries Service , Mid-Atlantic Fishery Management Council, Northeast Fishery Management Council, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6235	Promulgate regulations to require TEDs in domestic commercial flynet trawl fisheries.	Not Started			National Marine Fisheries Service , Gulf of Mexico Fishery Management Council, South Atlantic Fishery Management Council, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6236	Promulgate regulations to require large-opening TEDs in all domestic commercial non-shrimp trawl fisheries south of Cape Hatteras, North Carolina.	Not Started			National Marine Fisheries Service , Gulf of Mexico Fishery Management Council, South Atlantic Fishery Management Council, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6241	Describe and characterize domestic commercial pelagic and demersal longline fisheries.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211
Loggerhead sea turtle (Caretta caretta)	2	6242	Integrate information gathered in 6241 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	6243	Maintain and/or increase observer coverage to a statistically robust level to adequately monitor bycatch levels in domestic commercial pelagic and demersal longline fisheries.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6244	Continue to conduct focused experiments on domestic commercial longline gear and fishing practices to minimize loggerhead interactions and secondarily to minimize post-interaction mortality.	Not Started			Non-governmental organizations, National Marine Fisheries Service , Academia, Fishing Industry	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6245	Investigate the effectiveness of time-area closures to minimize loggerhead interactions in domestic commercial pelagic and demersal longline fisheries.	Not Started			National Marine Fisheries Service , Academia, Fishery Management Councils	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6246	Promulgate regulations to implement proven measures that minimize loggerhead interactions with commercial pelagic and demersal longline fisheries.	Not Started			National Marine Fisheries Service , Fishery Management Councils	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	6247	Develop and implement effective approaches to enforcing longline regulations in U.S. territorial waters, the U.S. EEZ, and on the high seas.	Not Started			U.S. Department of State, National Marine Fisheries Service , United States Coast Guard , Fishery Management Councils	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6248	Promote the use of safe handling practices and careful release tools in domestic commercial pelagic and demersal longline fisheries.	Not Started			National Marine Fisheries Service , Fishery Management Councils	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6251	Describe and characterize pot/trap fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211
Loggerhead sea turtle (Caretta caretta)	2	6252	Integrate information gathered in 6251 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141
Loggerhead sea turtle (Caretta caretta)	2	6253	Develop gear modifications to prevent entanglement of loggerheads in pot/trap lines.	Not Started			National Marine Fisheries Service , Fishing Industry	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6254	Promulgate regulations to incorporate modifications to whelk pot bridles to prevent loggerhead entanglement.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6255	Promulgate appropriate regulations to reduce incidental capture of loggerheads in pots/traps.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6256	Require identification on pot/trap gear.	Not Started			National Marine Fisheries Service , Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	2	6261	Describe and characterize domestic commercial dredge fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211
Loggerhead sea turtle (Caretta caretta)	2	6262	Integrate information gathered in 6261 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141
Loggerhead sea turtle (Caretta caretta)	2	6263	Evaluate the effectiveness of gear modifications developed to reduce loggerhead bycatch in the domestic commercial scallop dredge fishery.	Not Started			National Marine Fisheries Service , Fishing Industry	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6264	Promulgate regulations that reduce loggerhead bycatch and mortality in the domestic commercial scallop dredge fishery.	Not Started			National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6265	Investigate bycatch and mortality of loggerheads in commercial whelk dredge fisheries.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	6266	Investigate bycatch and mortality of loggerheads in commercial surf clam dredge fisheries.	Not Started			National Marine Fisheries Service , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6271	Describe and characterize other domestic commercial fisheries.	Not Started			National Marine Fisheries Service , Gulf States Marine Fisheries Commission, Atlantic States Marine Fisheries Commission, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Cost included in 6211

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	3	6272	Integrate information gathered in 6271 with turtle distribution data.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 141
Loggerhead sea turtle (Caretta caretta)	3	6273	Investigate bycatch and mortality of loggerheads in other domestic commercial fisheries and implement bycatch reduction measures as necessary.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	6274	Ensure that no increase in effort over 2003 levels occurs in the Sargassum fishery to minimize loggerhead bycatch.	Not Started			National Marine Fisheries Service , South Atlantic Fishery Management Council	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	628	Enforce domestic commercial fishery regulations to minimize loggerhead bycatch.	Not Started			National Marine Fisheries Service , United States Coast Guard , State Resource Agencies	Work type not yet selected	Labor type not yet selected	Costs included in 512
Loggerhead sea turtle (Caretta caretta)	2	631	Disseminate results of bycatch reduction experiments and transfer demonstrated bycatch reduction technologies to foreign nations.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	632	Encourage and assist foreign nations in collecting data on loggerhead bycatch via observer programs for commercial fisheries where bycatch levels are undocumented.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Loggerhead sea turtle (Caretta caretta)	1	633	Encourage and assist foreign nations to develop, implement, and enforce fishery regulations to minimize loggerhead bycatch in commercial pelagic longline fisheries.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	634	Encourage and assist foreign nations to develop, implement, and enforce fishery regulations to minimize loggerhead bycatch in commercial trawl fisheries.	Ongoing Current			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	1	635	Encourage and assist foreign nations to develop, implement, and enforce fishery regulations to minimize loggerhead bycatch in commercial gillnet fisheries.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	636	Encourage and assist foreign nations to develop, implement, and enforce fishery regulations to minimize loggerhead bycatch in other commercial fisheries.	Not Started			U.S. Department of State, Non-governmental organizations, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	637	Develop economic incentives to reduce fishery interactions and mortality of loggerheads in foreign high seas fisheries.	Not Started			U.S. Department of State, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	1	638	Encourage ICCAT, Canada, Mexico, and the European Union to implement standards for collecting loggerhead bycatch information and requirements to minimize loggerhead bycatch.	Not Started			U.S. Department of State, National Marine Fisheries Service	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	641	Assess loggerhead diets and food web linkages in neritic and oceanic habitats.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	642	Assess and minimize effects of commercial harvest of loggerhead prey species.	Not Started			National Marine Fisheries Service , Academia, Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	643	Assess effects of habitat alteration from commercial fisheries on distribution and abundance of loggerhead prey species.	Not Started			National Marine Fisheries Service , Academia, Fishery Management Councils, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	651	Determine frequency of marine debris ingestion and entanglement by loggerheads in neritic and oceanic habitats.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	652	Evaluate the sublethal effects of marine debris ingestion and entanglement on loggerheads.	Not Started			National Marine Fisheries Service , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	653	Enforce the International Convention for the Prevention of Pollution from Ships (MARPOL).	Not Started			U.S. Department of State, United States Coast Guard	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	654	Explore feasibility and provide incentives to reduce the amount of abandoned recreational and commercial fishing gear that causes loggerhead injury and mortality.	Not Started			Non-governmental organizations, National Marine Fisheries Service , United States Coast Guard , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	655	Explore feasibility and provide incentives to reduce the amount of non-fisheries related marine debris that causes loggerhead injury and mortality.	Not Started			Non-governmental organizations, National Marine Fisheries Service , United States Coast Guard , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	656	Maintain or implement marine debris cleanup programs in coastal waters.	Not Started			Local Governments, Non-governmental organizations, United States Coast Guard , National Oceanic and Atmospheric Administration, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	661	Develop a comprehensive GIS database to assess vessel interactions with loggerheads.	Not Started			U.S. Department of Defense, National Marine Fisheries Service , United States Coast Guard , Academia, State Resource Agencies	Work type not yet selected	Labor type not yet selected	Linked to 141
Loggerhead sea turtle (Caretta caretta)	1	662	Develop and implement a strategy to reduce vessel interactions with loggerheads.	Not Started			U.S. Department of Defense, National Marine Fisheries Service , United States Coast Guard , State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	671	Assess effects of new technologies for channel dredge equipment on loggerhead captures.	Not Started			National Marine Fisheries Service , U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	672	Incorporate effective channel dredge equipment modifications into future operations.	Not Started			National Marine Fisheries Service , U.S. Army Corps of Engineers	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	2	673	Maintain current requirements for channel dredging activities in the southeast U.S. Atlantic and Gulf of Mexico and evaluate whether additional measures are required to minimize loggerhead mortality.	Not Started			National Marine Fisheries Service , U.S. Army Corps of Engineers, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	674	Implement regional requirements for channel dredging activities north of North Carolina to minimize loggerhead mortality.	Not Started			National Marine Fisheries Service , U.S. Army Corps of Engineers, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	711	Develop a video about the impacts of beachfront lighting on loggerheads and ways to minimize impacts.	Not Started			Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	712	Maintain websites with comprehensive information about loggerheads.	Ongoing Current	FY 2009		Non-governmental organizations, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	713	Develop an educational curriculum for students and the public about loggerhead demography and ecological roles.	Not Started			Non-governmental organizations, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services, State Resource Agencies	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	714	Use computer gaming technologies to engage young people in sea turtle conservation.	Not Started			Non-governmental organizations	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	72	Facilitate international scientific communication and information sharing.	Ongoing Current	FY 2009		Non-governmental organizations, National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	73	Ensure facilities permitted to hold and display captive loggerheads have appropriate informational displays.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services, Aquaria	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	74	Ensure standard criteria and recommendations for sea turtle nesting interpretive walks are followed.	Ongoing Current	FY 2009		Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	3	75	Develop guidelines for and encourage interpretive daytime turtle walks.	Not Started			Alabama Department of Conservation and Natural Resources, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, North Carolina Wildlife Resources Commission, South Carolina Department of Natural Resources, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	

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Loggerhead sea turtle (Caretta caretta)	3	76	Place educational signs at public access points on nesting beaches and points of access to the marine environment.	Ongoing Current	FY 2009		National Park Service, Local Governments, Alabama Department of Conservation and Natural Resources, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Georgia Department of Natural Resources, Non-governmental organizations, North Carolina Department of Environment and Natural Resources, North Carolina Wildlife Resources Commission, U.S. Fish and Wildlife Service, Refuge Division, South Carolina Department of Natural Resources	Work type not yet selected	Labor type not yet selected	
Loggerhead sea turtle (Caretta caretta)	2	77	Conduct a contingent valuation study to measure the economic value of sea turtle related ecotourism.	Not Started			National Marine Fisheries Service , Academia, U. S. Fish and Wildlife Service - Ecological Services	Work type not yet selected	Labor type not yet selected	